

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A D 0 8 6 5 1 0 0 0 5 4 5 3 8 6	Manifest Document No. 2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Douglas Aircraft Company Attn: R. Tuell M/S C6-59 19503 S. Normandie Avenue, Torrance, CA 90502		A. State Manifest Document Number 92745386		
4. Generator's Phone (310) 533-7926 or (310) 533-7231		B. State Generator's ID H A E Q 3 6 0 0 5 6 9 8		
5. Transporter 1 Company Name Laidlaw Env. Svs. of CA, Inc.		C. State Transporter's ID 423503		
6. US EPA ID Number C A D 0 0 0 0 8 3 1 2 1		D. Transporter's Phone (310) 518-4700		
7. Transporter 2 Company Name		E. State Transporter's ID		
8. US EPA ID Number		F. Transporter's Phone		
9. Designated Facility Name and Site Address Norris Environmental Services 5215 S. Boyle Avenue Los Angeles, CA 90058		G. State Facility ID C A D 0 9 7 0 3 0 9 9 3		
10. US EPA ID Number C A D 0 9 7 0 3 0 9 9 3		H. Facility's Phone (213) 588-7111		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) RQ, Waste, Corrosive Liquids, N.O.S. (Chromic acid, Nitric acid), 8, UN1760, PG II, (D002, D007)		12. Containers No. Type 0 0 1 T T	13. Total Quantity 30070	14. Unit P
b.				Waste Number 792
c.				EPA/Other D002
d.				State
				EPA/Other
				State
				EPA/Other
				State
				EPA/Other
15. Special Handling Instructions and Additional Information Emergency Response Telephone Number (800) 424-9300 (Chemtrec). DOT ERG # 60. 1a) Additional EPA Waste code D007. EH Permit # 4-93052513.		K. Handling Codes for Wastes Listed Above 15		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable federal, state and international laws.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.				
Printed/Typed Name Robert G. Tuell, Jr.		Signature Robert G. Tuell, Jr.		Month Day Year 11/1/93
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name De Louis YARNADO		Signature De Louis Yarnado		Month Day Year 11/1/93
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Juanito CHIU				
Signature Juanito Chiu				
Month Day Year 11/1/93				

DO NOT WRITE BELOW THIS LINE.

92745386

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802: WITHIN CALIFORNIA, CALL 1-800-852-2522

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Douglas Aircraft Company Attn: R. Tuell M/S C6-59 19503 S. Normandie Avenue, Torrance, CA 90502		C A D 0 8 6 5 1 0 0 0 5 4 5 3 8 6		A. State Manifest Document Number 92745386	
4. Generator's Phone (310) 533-7926 or (310) 533-7231				B. State Generator's ID 8 A H 0 3 6 0 0 5 6 9 8	
5. Transporter 1 Company Name Laidlaw Env. Svs. of CA, Inc.		6. US EPA ID Number C A D 0 0 0 0 8 3 1 2 1		C. State Transporter's ID 423503	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (310) 518-4700	
9. Designated Facility Name and Site Address Norris Environmental Services 5215 S. Boyle Avenue Los Angeles, CA 90058		10. US EPA ID Number C A D 0 9 7 0 3 0 9 9 3		E. State Transporter's ID 518-4700-11-93	
				F. Transporter's Phone 518-4700-11-93	
				G. State Facility's ID	
				H. Facility's Phone (213) 588-7111	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type		13. Total Quantity	14. Unit Wt/Vol
RQ, Waste, Corrosive Liquids, N.O.S. (Chromic acid, Nitric acid), 8, UN1760, PG II, (D002, D007)		0 0 1 T T		30070	P
b.					
c.					
d.					
15. Special Handling Instructions and Additional Information Emergency Response Telephone Number (800) 424-9300 (Chemtrec). DOT ERG # 60. 1a) Additional EPA Waste code D007. EH Permit # 4-93052513.		16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable federal, state and international laws.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.		17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Robert G. Tuell, Jr. Signature Robert G. Tuell, Jr. Month 11 Day 11 Year 93	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name De-Louis YARNADO Signature De-Louis Yarnado Month 11 Day 11 Year 93		19. Discrepancy Indication Space		20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name Signature Month Day Year	

DO NOT WRITE BELOW THIS LINE.

Generator Name: Douglas Aircraft Co

EPA ID Number: CAD08650005

Manifest Number: 92745386/45386

Date of Shipment: 11/11/93

Indicate Waste Line Item (11): 91

This notification is hereby submitted to NORRIS ENVIRONMENTAL SERVICES in compliance with EPA regulation described in 40 CFR Part 268 which prohibit the land disposal of certain hazardous wastes, unless these wastes are treated to meet specified standards or treated using specified treatment technologies.

I have marked the appropriate box(es) below, which indicates how my waste must be managed to conform to land disposal ban and/or federal regulations.

California List Wastes Notification

RCRA Land Disposal Notification

- ☐ Liquid hazardous waste including free liquids associated with any solid or sludge containing free cyanide at concentrations greater than or equal to 1000mg/L.

Waste Requires Treatment

Treatment Standard-Cyanide Destruction Stabilization

- ☒ I am the initial generator of an untreated waste identified above which must be treated in the appropriate treatment standard set forth in 40 CFR 268 Subpart D, or where no treatment standard exists for the California List Waste, the waste must be treated to the levels specified under 40 CFR 268.32.

- ☒ Liquid hazardous wastes, including free liquids associated with any solid or sludge, containing the following metals (or elements) at concentrations greater than or equal to those specified below:

Treatment Standard-Neutralization, Precipitation: Metals Recovery

(check those that apply)

Waste Treated to Performance Standards

- |   |             |
|---|-------------|
| <input type="checkbox"/> Arsenic and/or compounds (as As)                     | 5.0 mg/L:   |
| <input type="checkbox"/> Barium and/or compounds (as Ba)                      | 100.0 mg/L: |
| <input type="checkbox"/> Cadmium and/or compounds (as Cd)                     | 1.0 mg/L:   |
| <input checked="" type="checkbox"/> Chromium (VI) and/or compounds as Cr (VI) | 5.0 mg/L:   |
| <input type="checkbox"/> Lead and/or compounds (as Pb)                        | 5.0 mg/L:   |
| <input type="checkbox"/> Mercury and/or compounds (as Hg)                     | 0.2 mg/L:   |
| <input type="checkbox"/> Selenium and/or compounds (as Se)                    | 1.0 mg/L:   |
| <input type="checkbox"/> Silver and/or compounds (as Ag)                      | 5.0 mg/L:   |

- ☐ The waste identified above has been treated in compliance with the applicable performance standards specified in 40 CFR 268 Subpart D and/or the applicable prohibitions set forth in 40 CFR 268.32. "I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process used to support this certification and that, based upon my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the performance levels specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(s) without dilutions of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment.

Treatment Standard-Carbon Absorption Steam Stripping

Waste Subject to Variance

- ☐ Liquid hazardous wastes that are primarily water and contain halogenated organic compounds (HOCs) in total concentration greater than or equal to 1,000 mg/L and less than 10,000 mg/L HOCs (see attached listing of HOC constituents)

- ☐ The waste identified above is subject to a case-by-case extension under 40 CFR 268.5, a no-migration petition under 40 CFR 268.6, a nationwide variance under Subpart C, or is soil or debris generated from a response action taken under CERCLA or corrective action under RCRA.

Treatment Standard-Incineration, high efficiency boiler, other thermal treatment

- ☒ Liquid hazardous wastes having a pH less than or equal to two(2) or pH equal to or greater than 12.5.

Treatment Standard-Neutralization Stabilization

- ☐ The spent solvent wastes specified in 40 CFR 261.31 as EPA Hazardous Wastes Nos F001, F002, F003, F004 and F005.

Treatment Standard-Specify technology used to meet Table CCWE. Check constituent(s) on Table CCWE which are required below treatment standards

The most recent copy of waste analysis or a description of the knowledge upon which this notification is based is attached. I hereby certify that all information submitted in this and all associated documents is complete and accurate to the best of my knowledge and information.

Signature: Robert G. Tuell, Jr.

Signature: Senior Plant Engineer

Date: 11-11-93

Print Name: Robert G. Tuell, Jr.

Phone: (310) 533-7926

WEIGHT TICKET

VENDOR: Laidlaw GROSS 63,470

TRUCK #: ~~17023~~ 17023 Tank 160405T TARE 33,400

DATE: 11-11-93 NET 30,070

CONTENTS: Waste mixed Acids

DISPOSAL FACILITY: Norris DRUM COUNT: \_\_\_\_\_

DRIVER: De Louis Varnado GALLONS: \_\_\_\_\_

STATE MANIFEST DOCUMENT NUMBER: 45386/97745386



Laidlaw Environmental Services of California, Inc.

SERVICE ORDER 92-73056  
JOB NO. 240120  
DATE 11-11-93

913039

### TRANSPORTATION SERVICE ORDER

Transportation ID #: CAD000083121

☐ 4501 Pacheco Blvd.  
Martinez, CA 94553  
(510) 372-4800

☐ 3237 Patton Way  
Bakersfield, CA 93308  
(805) 835-5801 or  
(805) 589-4970

☒ 221 E. "D" Street  
Wilmington, CA 90744  
(310) 518-4700

Customer Name: Douglas Telephone: \_\_\_\_\_

Billing Address: \_\_\_\_\_ Contact Person: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ BOE #: \_\_\_\_\_

Job Location: 19071 NORMANDB CAT. 3 Destination: NORRIS DISPOSAL SITE

Type of Material: Acid water Sales Person: \_\_\_\_\_

Generator: Douglas EPA Number: \_\_\_\_\_

Generator ID Number (State): \_\_\_\_\_ Facility EPA NO.: \_\_\_\_\_

Disposal: LES Facility \_\_\_\_\_ Outside Facility \_\_\_\_\_ None \_\_\_\_\_ Customer P.O. 27064 H6003

Manifest # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_ # \_\_\_\_\_

Services Performed Standby and pump acid and water from  
Storage Drums and haul to Norris Disposal Site  
and wash out

Start Miles: \_\_\_\_\_ End Miles: \_\_\_\_\_ Total Miles: \_\_\_\_\_

Truck No.: 17023 Trailer No: 16040 ST Net Wgt: \_\_\_\_\_

Capacity: \_\_\_\_\_

Driver Time: Start (AM/PM) \_\_\_\_\_ Stop (AM/PM) \_\_\_\_\_ Gross Time \_\_\_\_\_

Meals: Start Time (AM/PM) \_\_\_\_\_ Stop (AM/PM) \_\_\_\_\_ Less Time \_\_\_\_\_

Other Time \_\_\_\_\_ Detail \_\_\_\_\_ Adj. Time \_\_\_\_\_

Driver's Name De Launay Driver No. \_\_\_\_\_ Total Time \_\_\_\_\_

Customer Site: Time In 1045 AM Disposal Site: Time In \_\_\_\_\_ Time In \_\_\_\_\_

Time Out 345 PM Time Out \_\_\_\_\_ Time Out \_\_\_\_\_

Explanation of Time: \_\_\_\_\_

CUSTOMER AUTHORIZATION AND APPROVAL SIGNATURE: Robert B. Snell, Jr 11-11-93

#### FOR ACCOUNTING ONLY

PROD CODE	DESCRIPTION	QTY	UOM	RATE	EXT	PROD CODE	DESCRIPTION	QTY	UOM	RATE	EXT
14000	TRANS		ST			24015	HAZ SOLIDS				
14000	TRANS		OT			24015	N/HAZ SOLIDS				
14000	TRANS		DT			24010	HAZ LIQUIDS				
	2ND DRIVER					24010	N/HAZ LIQUIDS				
	SUBHAULER					24020	DRUMS				
54045	LABOR					24025	SOLID SURCHG				
94065	BIN RENTAL					24025	STABILIZATION				
14000	TRANS (NO DISP)					24025	LIQ SURCHG				
14000	WASHOUT						TAXES				
14000	SCALE/CERTS						TAXES				
14000	SUBSISTENCE					34035	ANALYTICAL				
1055	TOLLS					74055	MISC CHARGES				
90465	TYVEK					74055	MISC CHARGES				
90465	BOOTS										
90465	GOGGLES										
90465	GLOVES										
90465	BIN LINERS										
70455	OTHERS										





# DOT EMERGENCY RESPONSE GUIDE 60

(FOLD ON DOTTED LINE—STAPLE TO HAZARDOUS MATERIALS SHIPPING PAPER)

Use basic description and technical name as described in 49 CFR 172.202 and 172.203 (K).

Basic Description: RG, White, Corrosive Liquid, N.O.S. (Chromic acid, Nitric acid), 8, UN1760, PGII (600, 607)

Technical Name(s): Chromic acid, Nitric acid

EMERGENCY  
RESPONSE  
GUIDE  
FORM

24 hr. Emergency Contact Tel. No.: 800-424-9300 (Chemtrec)

## DOT EMERGENCY RESPONSE GUIDE 60

### POTENTIAL HAZARDS

#### HEALTH HAZARDS

Contact causes burns to skin and eyes.  
If inhaled, may be harmful.  
Fire may produce irritating or poisonous gases.  
Runoff from fire control or dilution water may cause pollution.

#### FIRE OR EXPLOSION

Some of these materials may burn, but none of them ignites readily.  
Flammable/poisonous gases may accumulate in tanks and hopper cars.  
Some of these materials may ignite combustibles (wood, paper, oil, etc.)

### EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry.  
Stay upwind; keep out of low areas.  
Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.  
**CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE.**  
If water pollution occurs, notify the appropriate authorities.

#### FIRE

Some of these materials may react violently with water.  
**Small Fires:** Dry chemical, CO<sub>2</sub>, water spray or regular foam.  
**Large Fires:** Water spray, fog or regular foam.  
Move container from fire area if you can do it without risk.  
Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks.

#### SPILL OR LEAK

Do not touch or walk through spilled material; stop leak if you can do it without risk.  
**Small Spills:** Take up with sand or other noncombustible absorbent material and place into containers for later disposal.  
**Small Dry Spills:** With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.  
**Large Spills:** Dike far ahead of liquid spill for later disposal.

#### FIRST AID

Move victim to fresh air; call emergency medical care.  
In case of contact with material, immediately flush skin or eyes with running water for at least 15 minutes.  
Remove and isolate contaminated clothing and shoes at the site.  
Keep victim quiet and maintain normal body temperature.

Information on this Guide Page is from the 1990 Emergency Response Guidebook Dot P 5800.5. It applies only to the basic Description and Technical Name entered by the shipper at the top of this form.

Check to see whether the shipper commodity (Basic description entered at the top of this form) is listed by I.D.# and NAME OF THE MATERIAL in the Table of Initial Isolation and Protective Action Distances. This Table is partially reproduced on the back of this Guide Page to reflect only commodities assigned to this Guide Number. Use this information from the table in addition to the Guide Page IF THERE IS NO FIRE.

**READ AND CHECK THE NAMES AND NUMBERS CAREFULLY BECAUSE COMPLETELY DIFFERENT HAZARDOUS MATERIALS CAN HAVE NAMES AND/OR NUMBERS WHICH ARE ALMOST THE SAME!**

### INITIAL ISOLATION PROTECTION TABLES FOR SELECTED HAZARDOUS MATERIALS

The table gives suggested distances for ISOLATING unprotected people from spill areas involving the hazardous materials shown, **IF THE LISTED MATERIAL IS NOT ON FIRE**. If the material is on fire, refer to the 2-digit Guide.

These materials were selected because their vapors have the potential to produce poisonous effects. The table is useful for no more than the first 30 minutes of an incident involving these materials. There are several good reasons for suggesting that the use of the table be limited specifically to the initial phase of a **no-fire** spill incident during transport.

## D.O.T. EMERGENCY RESPONSE GUIDE 60

### TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES

USE THIS TABLE WHEN THE MATERIAL IS <u>NOT</u> ON FIRE.		SMALL SPILLS (Leak or spill from a small package or small leak from a large package.)		LARGE SPILLS (Leak or spill from a large package or spill from many small packages.)	
ID No.	NAME OF MATERIAL	First ISOLATE in all directions—(Feet)	Then, PROTECT those persons in the DOWNWIND direction—(Miles)	First, ISOLATE in all directions—(Feet)	Then, PROTECT those persons in the DOWNWIND direction—(Miles)

No chemicals appear in Table of Isolation and Protective Action Distances which are assigned to this Guide number.

If the chemical name and ID Number the shipper entered on the front of this form match a name from this list, **and NO FIRE exists**, you must:

determine if the incident involves a small or large spill; look up the isolation distance; (Direct all person to move in a crosswind direction, away from the spill, to that distance.) look up the initial PROTECTIVE ACTION DISTANCE in the table. (For practical purposes, the Protective Action Zone is a square whose length and width are the same as the downwind distance shown in the table.)

WHEN APPROACHING THE SCENE OF AN ACCIDENT INVOLVING ANY CARGO  
(NOT ONLY REGULATED HAZARDOUS MATERIALS):

- APPROACH INCIDENT FROM AN UPWIND DIRECTION, IF POSSIBLE
- MOVE AND KEEP PEOPLE AWAY FROM INCIDENT SCENE
- DO NOT WALK INTO OR TOUCH ANY SPILLED MATERIAL
- AVOID INHALING FUMES, SMOKE AND VAPORS EVEN IF NO HAZARDOUS MATERIALS ARE INVOLVED
- DO NOT ASSUME THAT GASES OR VAPORS ARE HARMLESS BECAUSE OF LACK OF SMELL—ODORLESS GASES OR VAPORS MAY BE HARMFUL

As a first responder at the scene of a hazardous materials incident, seek additional and more specific information about any material in question as soon as possible. This Guide Page is not intended for use during the cleanup phase for spilled materials, nor should it be used to determine compliance with any regulations. This information on this Emergency Response Form should be augmented by expert technical advice as soon as you have assessed the situation and have seen to the immediate needs of the people involved.

FOR FURTHER INFORMATION REFER TO DOT P 5800.5 (EMERGENCY RESPONSE GUIDEBOOK) AND TITLE 49 CODE OF FEDERAL REGULATIONS.

N.I. INDUSTRIES

# NORRIS Environmental Services **CERTIFICATE OF TREATMENT**

*Issued To*

**DOUGLAS AIRCRAFT COMPANY-TORRANCE**

**19503 SOUTH NORMANDIE AVE., MAIL CODE C6-59**

**TORRANCE CA 90502-0000**

**Date Received: 11/11/93**

**Manifest Number: 92745386**

## THIS CERTIFIES THAT

THE WASTE RECEIVED ON THE ABOVE MANIFEST WAS PROCESSED THROUGH NORRIS ENVIRONMENTAL SERVICES' TREATMENT SYSTEM. THE NORRIS ENVIRONMENTAL SERVICES' TREATMENT SYSTEM DETOXIFIED THE WASTE, AND CONVERTED THE RESIDUE INTO A **RECYCLABLE** MATERIAL. THESE STEPS WERE CARRIED OUT IN FULL ACCORDANCE WITH FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REQUIREMENTS.

THIS PROCESSING OF THE WASTE BY NORRIS ENVIRONMENTAL SERVICES' TREATMENT SYSTEM COMPLETES ALL OF THE CERTIFICATE HOLDER'S RESPONSIBILITIES UNDER THE UNITED STATES RESOURCE CONSERVATION AND RECOVERY ACT AND THE CALIFORNIA HAZARDOUS WASTE CONTROL ACT.

A MASCO INDUSTRIES COMPANY